

Title (en)

Power supply device for a vehicle

Title (de)

Energieversorgungseinrichtung für ein Fahrzeug

Title (fr)

Dispositif d'alimentation en énergie pour un véhicule

Publication

EP 2105341 B1 20141015 (DE)

Application

EP 09156161 A 20090325

Priority

DE 102008016328 A 20080328

Abstract (en)

[origin: EP2105341A1] The device (102) has a control unit (110) for selectively deactivating inverters (104.1-104.4) and connected with the inverters and detectors (111.1-111.6). The control unit forms a sum value, which represents sum of error currents of the inverters, from detection values, and compares the sum value with a preset threshold. The control unit is deactivated during exceeding of the threshold for a preset time for falling of the threshold around a falling amount, where the amount is 0 to 50 percent of the threshold. An independent claim is also included for a method for controlling a power supply device.

IPC 8 full level

B60L 3/00 (2006.01); **B60L 3/04** (2006.01); **B61L 1/20** (2006.01)

CPC (source: EP)

B60L 3/003 (2013.01); **B60L 3/0038** (2013.01); **B60L 3/0084** (2013.01); **B60L 3/04** (2013.01); **B60L 9/24** (2013.01); **B60L 2200/26** (2013.01)

Cited by

WO2013182341A3; WO2024068237A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2105341 A1 20090930; EP 2105341 B1 20141015; DE 102008016328 A1 20091008; ES 2525239 T3 20141219; PL 2105341 T3 20150430

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